

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

THE APPLICATION OF:

SAVERIO CARL FALCO ET. AL.

CASE NO.: BB1179USCIP

APPLICATION NO.: 10/658232

CONFIRMATION NO.:

GROUP ART UNIT: UNKNOWN

EXAMINER: UNKNOWN

FILED: SEPTEMBER 08, 2003

FOR: TETRAHYDROFOLATE METABOLISM ENZYMES

INFORMATION DISCLOSURE STATEMENT

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Alexandria, VA 22313-1450

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Respectfully submitted,

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Dated: February 06, 2004

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PTO/SB/08b (08-03)

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of

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Application Number	10/658232
Filing Date	September 08, 2003
First Named Inventor	Saverio Carl Falco Et. Al.
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	BB1179USCIP

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	PHILIPPE GOYETTE ET AL., Gene structure of human and mouse methylenetetrahydrofolate reductase (MTHFR), Mammalian Genome 9:652-656, 1998	<input type="checkbox"/>
	2	B. D. GUENTHER ET AL., How folate fights disease, Nature structural biology, volume 6(4):293-294, 1999	<input type="checkbox"/>
	3	BELEN TIZON ET AL., Identification of a Putative Methylenetetrahydrofolate Reductase by Sequence Analysis of a 6.8 kb DNA Fragment of Yeast Chromosome VII, Yeast, vol. 12:1047-1051, 1996	<input type="checkbox"/>
	4	MARY G. WEST ET AL., Cloning and Characterization of the Saccharomyces cerevisiae Gene Encoding NAD-dependent 5,10-Methylenetetrahydrofolate Dehydrogenase, The Journal of Biological Chemistry, Vol. 268(5):153-160, 1993	<input type="checkbox"/>
	5	LINDA D'ARI ET AL., Purification, Characterization, Cloning, and Amino Acid Sequence of the Bifunctional Enzyme 5,10-Methylenetetrahydrofolate Dehydrogenase/5,10-Methenyltetrahydrofolate Cyclohydrolase from Escherichia coli, The Journal of Biological Chemistry, Vol. 266(35):23953-23958, 1991	<input type="checkbox"/>
	6	NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO: 5911425, ACCESSION NO: AAD55787, DECEMBER 13, 1999, S. ROJE ET AL., Isolation, characterization, and functional expression of cDNAs encoding NADH-dependent methylenetetrahydrofolate reductase from higher plants	<input type="checkbox"/>

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	7	NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO: 5911427, ACCESSION NO: AAD55788, DECEMBER 13, 1999, S. ROJE ET AL., Isolation, characterization, and functional expression of cDNAs encoding NADH-dependent methylenetetrahydrofolate reductase from higher plants	<input type="checkbox"/>
	8	NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO: 5802606, ACCESSION NO: AAD51733, DECEMBER 13, 1999, S. ROJE ET AL., Isolation, characterization, and functional expression of cDNAs encoding NADH-dependent methylenetetrahydrofolate reductase from higher plants	<input type="checkbox"/>
	9	NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 4753778, ACCESSION NO: CAB41971, MAY 4, 1999, A. HOMBERGER ET AL., Revised translation initiation site of the human methylenetetrahydrofolate reductase (MTHFR)	<input type="checkbox"/>
	10	NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 1723913, ACCESSION NO. P53128, OCTOBER 16, 2001, B. TIZON ET AL., Identification of a putative methylenetetrahydrofolate reductase by sequence analysis of a 6.8 kb DNA fragment of yeast chromosome VII	<input type="checkbox"/>
	11	SANJA ROJE ET AL., Metabolic Engineering in Yeast Demonstrates that S-Adenosylmethionine Controls Flux through the Methylenetetrahydrofolate Reductase Reaction in Vivo, The Journal of Biological Chemistry, Vol. 277(6):4056-4061, 2002	<input type="checkbox"/>
	12	NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 4336819, ACCESSION NO: AAD17965, JULY 5, 2001, P. GOYETTE ET AL., Gene structure of human and mouse methylenetetrahydrofolate	<input type="checkbox"/>

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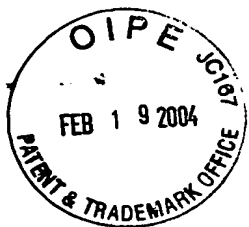
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	13	SANJA ROJE ET AL., Isolation, Characterization, and Functional Expression of cDNAs Encoding NADH-dependent Methylenetetrahydrofolate Reductase from Higher Plants, The Journal of Biological Chemistry, Vol. 274(51):36089-36096, 1999	<input type="checkbox"/>
	14	NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 1723913, ACCESSION NO: P53128, OCTOBER 16, 2001, B. TIZON ET AL., Identification of a putative methylenetetrahydrofolate reductase by sequence analysis of a 6.8 kb DNA fragment of yeast chromosome VII	<input type="checkbox"/>
	15	XIAOYIN SHAN ET AL., Functional Characterization of Human Methylenetetrahydrofolate Reductase in Saccharomyces cerevisiae, The Journal of Biological Chemistry, Vol. 274(46):32613-32618, 1999	<input type="checkbox"/>
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